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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Amin et al.

Confirmation No.: 3101

Serial No. 09/839,991

Art Unit: 2815

Filed: April 20, 2001

Examiner: Jerome Jackson Jr.

For: QUANTUM BIT WITH A MULTI-
TERMINAL JUNCTION AND LOOP
WITH A PHASE SHIFT

Attorney Docket No.: 11090-034-999
(Formerly M-8915-1C US)

**RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES UNDER
37 C.F.R. § 1.146 AND PRELIMINARY AMENDMENT**

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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Sir: 1

In response to the Office Action mailed June 14, 2004 in connection with the above identified patent application and in accordance with Rule 146 of the Rules of Practice, please consider the following remarks. Applicants submit concurrently herewith (i) an Information Disclosure Statement, (ii) List of References Cited by Client together with copies of the cited references, (iii) a Petition for Extension of Time for a period of one month from July 14, 2004, accompanied by the appropriate fee, and (iv) Power of Attorney or Authorization of Agent.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing which begins on page 3 of this paper.

Remarks begin on page 16 of this paper.